September Documentation Telecon

Sept 19, 2012

Attendees: Erin Robinson, Kelly Monteleone, Aleksandar Jelenak, Steven Aulenbach, Ted Habermann, Ann Keane, and Greg Frost

1. Air Quality (AQ) Community Documentation: Publishing and Using ISO 19115 Metadata (by Erin, Ted, and Rudy Husar)

* AQ has variety of data (ex. Emission, satellite, population, models) and are producing secondary products
* Formed the AQ Data Network
  + Use WCS (NetCDF – CF)
* <http://bit.ly/QjApLF> - spread sheet of AQ metadata needs
* See metadata as a spiral
  + 1. Collect all existing documentation
    2. ID community/project specific metadata needs
    3. With expert help – examine standards and guidelines
    4. Validate with schema and schematrons
    5. Publish
    6. Iterate –as data evolves
* Request for Documentation Cluster
  + Expand the NOAA GEO-IDE wiki (<https://geo-ide.noaa.gov/wiki/index.php?title=Main_Page>)
  + Code list definitions
  + Examples of metadata – specifically Hierarchical metadata with sensors on platforms, etc.
* (Ted) the difficult part is bring communities together
  + GEO MS – reads likes CF but not CF it was/is a NASA standard
  + Greg – It is project specific
* (Ted) The issue is still what is lost in translation
* (Greg) At Dublin meeting, happy that group was able to agree on one or two standards
* (Steve) worked in various fields (ecology/enviro sustain/archaeology)
  + Groups usually lay out a few requirements & then think they have done enough to code
  + Thing being done in complete ignorance of other research
  + Think ESIP is the place to work on this
* (Greg) in Dublin – repeated the same exercise of defining fields that were needed
  + Some people needed it – it was a way to wrap mind around the problem
* (Ann) – there is no standard that crosses all the standards – most are not aware of what is needed to cross disciplines

1. Ted – Crosswalk
   * Described the crosswalk and its element (see previous notes for description of spirals and dialects)
   * Looking for more standard way for the data - ?ontology
   * But has new and better ways to transform the data
     + - Html – table
       - Wiki - <http://wiki.esipfed.org/index.php/Documenting_People>
   * Discussed data.gov
   * Brought up ISO code lists on the NOAA EDM wiki
     1. Discussed how there are different terms because some groups thought they didn’t overlap
2. Open discussion
   * (Kelly) – NISO metadata talk – discussed grouping metadata into simple, simple-moderate, and complex based on the number and types of terms – thinks it could help with scales of transformation
     1. (Ted) simply = discovery… working with same time of system
   * (Ted) Add Quantifying the change between standards to next meeting agenda
   * (Alek) will send terms to CF list – group oked
   * Next meeting set for Oct 17 at noon EST